

**PATENT**

**FURNACE HAVING A NUMBER OF TANKS IN SERIES FOR THE  
PREPARATION OF A GLASS COMPOSITION WITH A LOW STONE  
CONTENT**

**ABSTRACT**

The invention relates to a furnace for the continuous melting of a composition comprising silica, the said furnace comprising at least two tanks in series, said tanks each comprising at least one burner submerged in the melt. The invention also relates to the process for manufacturing compositions comprising silica using the furnace, the silica and the fluxing agent for the silica being introduced into the first tank. The invention makes it possible to produce glass color frits, tile frits and enamel with a high productivity, low temperatures and short transition times.